

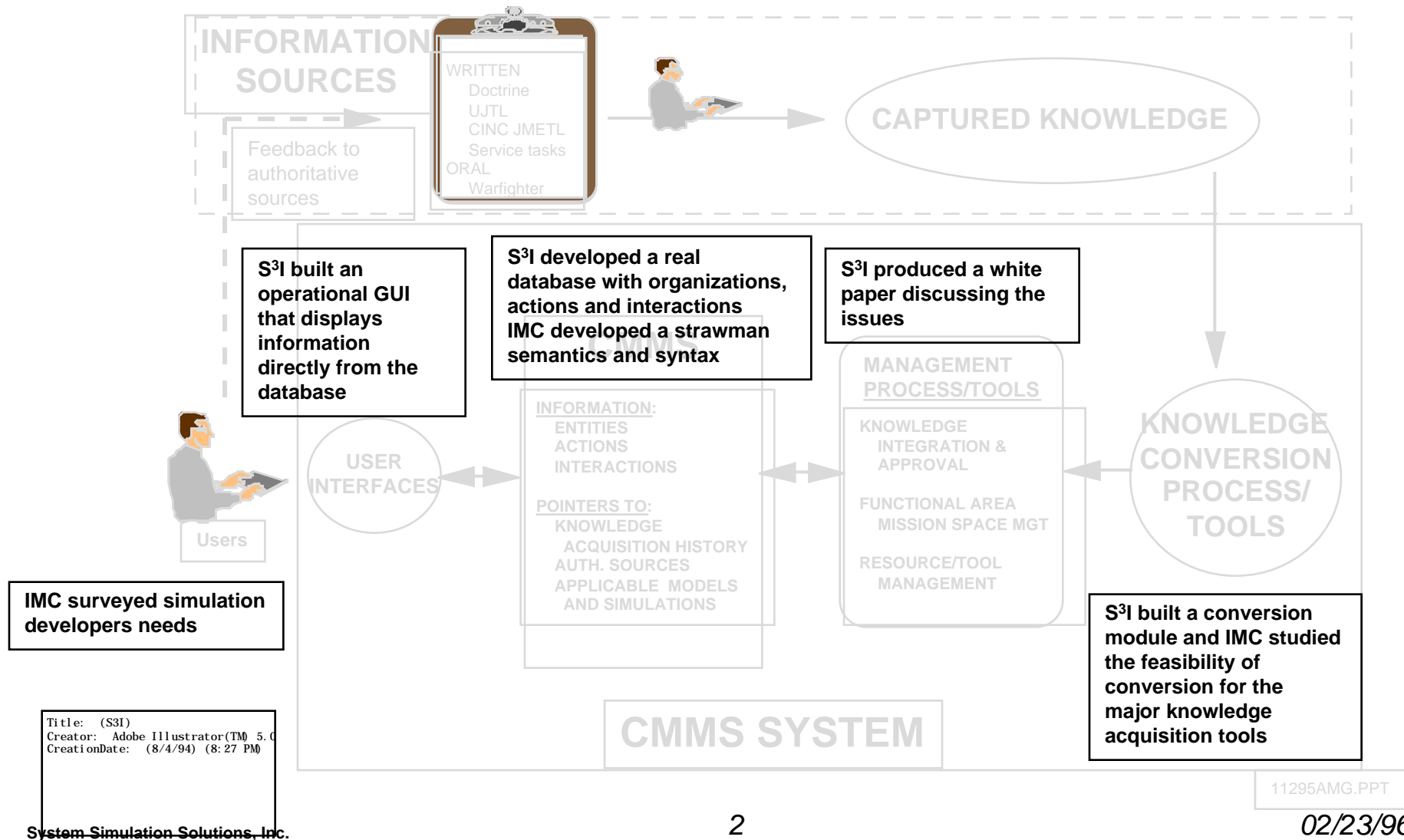
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# *CMMS Experiment Final Developer Meeting*

*S<sup>3</sup>I and IMC Team*

Title: (S3I)  
Creator: Adobe Illustrator(TM) 5.0  
CreationDate: (8/4/94) (8:27 PM)

*The S3I, IMC team experimented in each area of the CMMS system.*



# *Major Accomplishment*

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- *We made one pass through the CMMS System - less the Configuration Management Part*
  - *S<sup>3</sup>I took a real conceptual model built in a systems engineering tool by IMC*
  - *Downloaded the output file from the Internet*
  - *Converted it into a CMMS prototype database*
  - *Presented it to a user in the form of organizations, actions and interactions.*

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# *User Needs*

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- *Designed and experimented with a survey of what simulation developers need (or at least what they say they need).*
- *Through follow-up interviews discovered some changes that will have to be made to the survey before it is used.*
- *Need one more round of testing before the survey is ready.*

# *User Interface*

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- *Built an operational version that displays organizations, activities and interactions.*
- *A Microsoft Access database, filled with data converted from a systems engineering tool, provides information to the GUI.*

# Database

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- *Developed a real database. One that is automatically propagated from an ASCII file from a system engineering tool.*
- *Used the DMSO framework that was supplied at the beginning of the experiment and made necessary changes and recommended improvements.*
- *Developed a strawman syntax and semantics for the activities in the database.*

# *CMMS System Management*

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- *Produced a white paper which discusses some of the issues of managing the CMMS system.*
- *The web sites of three major DBMS providers was accessed to gather information on the system management features and functionality available directly from the vendors.*

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# *Knowledge Conversion*

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- *Built a conversion module*
- *Studied the feasibility of converting output from other knowledge acquisition (documentation) tools that are prime candidates for capturing and storing the information needed for CMMS.*